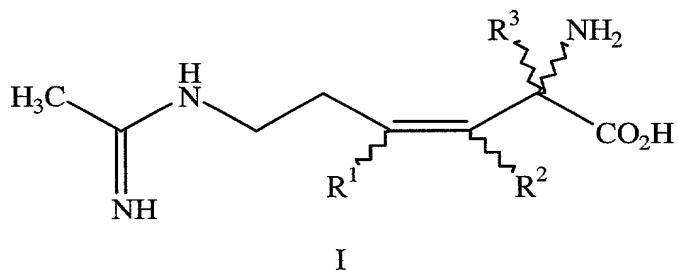


What is Claimed:

1. A compound of Formula I:

5



or a pharmaceutically acceptable salt thereof, wherein:

10

R¹ is selected from the group consisting of hydrogen, halo, and C<sub>1</sub>-C<sub>5</sub> alkyl, said C<sub>1</sub>-C<sub>5</sub> alkyl optionally substituted by halo or alkoxy, said alkoxy optionally substituted by one or more halo;

15

R² is selected from the group consisting of hydrogen, halo, and C<sub>1</sub>-C<sub>5</sub> alkyl, said C<sub>1</sub>-C<sub>5</sub> alkyl optionally substituted by halo or alkoxy, said alkoxy optionally substituted by one or more halo; and

R³ is C<sub>1</sub>-C<sub>5</sub> alkyl, said C<sub>1</sub>-C<sub>5</sub> alkyl optionally substituted by halo or alkoxy, said alkoxy optionally substituted by one or more halo.

20

2. The compound of claim 1 wherein the compound is the Z isomer.

3. The compound of claim 2 wherein:

25

R¹ is selected from the group consisting of hydrogen, halo, and C<sub>1</sub>-C<sub>5</sub> alkyl, said C<sub>1</sub>-C<sub>5</sub> alkyl optionally substituted by halo or alkoxy, said alkoxy optionally substituted by one or more halo;

$R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_5$  alkyl, said  $C_1$ - $C_5$  alkyl optionally substituted by halo or alkoxy, said alkoxy optionally substituted by one or more halo; and  
 $R^3$  is  $C_1$ - $C_5$  alkyl, said  $C_1$ - $C_5$  alkyl optionally substituted by halo or alkoxy.

5

4. The compound of claim 3 wherein:

$R^1$  is selected from the group consisting of hydrogen, halo, and  $C_1$ - $C_3$  alkyl;  $R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_3$  alkyl; and

10

$R^3$  is  $C_1$ - $C_5$  alkyl, said  $C_1$ - $C_5$  alkyl optionally substituted by fluorine or alkoxy.

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5. The compound of claim 3 wherein:

15

$R^1$  is selected from the group consisting of hydrogen, halo, and  $C_1$ - $C_3$  alkyl; said  $C_1$ - $C_5$  alkyl optionally substituted by halo or alkoxy, said alkoxy optionally substituted by one or more halo;

$R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_5$  alkyl; and

$R^3$  is  $C_1$ - $C_5$  alkyl, said  $C_1$ - $C_5$  alkyl optionally substituted by halo or alkoxy.

20

6. The compound of claim 3 wherein:

$R^1$  is selected from the group consisting of hydrogen, halo, and  $C_1$ - $C_3$  alkyl;

$R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_3$  alkyl; and

25

$R^3$  is  $C_1$ - $C_3$  alkyl optionally substituted by fluorine.

7. The compound of claim 3 wherein:

$R^1$  is selected from the group consisting of hydrogen, halo, and  $C_1$ - $C_3$  alkyl;

$R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_3$  alkyl; and

30

$R^3$  is  $C_1$ - $C_3$  alkyl.

8. The compound of claim 3 wherein:

$R^1$  is hydrogen;

5  $R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_3$  alkyl;  
and

$R^3$  is  $C_1$ - $C_3$  alkyl.

9. The compound of claim 8 wherein:

10  $R^1$  is hydrogen;

$R^2$  is selected from the group consisting of hydrogen and halo; and

$R^3$  is  $C_1$ - $C_3$  alkyl.

10. The compound of claim 9 wherein:

15  $R^1$  is hydrogen;

$R^2$  is selected from the group consisting of hydrogen and fluorine; and

$R^3$  is  $C_1$ - $C_3$  alkyl.

11. The compound of claim 10 wherein:

20  $R^1$  is hydrogen;

$R^2$  is selected from the group consisting of hydrogen and fluorine; and

$R^3$  is methyl.

12. The compound of claim 11 wherein:

25  $R^1$  is hydrogen;

$R^2$  is hydrogen; and

$R^3$  is methyl.

13. The compound of claim 11 wherein:

30  $R^1$  is hydrogen;

$R^2$  is fluorine; and

$R^3$  is methyl.

14. The compound of claim 3 wherein:

5  $R^1$  is halo;

$R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_3$  alkyl;

and

$R^3$  is  $C_1$ - $C_3$  alkyl.

10 15. The compound of claim 14 wherein:

$R^1$  is halo;

$R^2$  is halo; and

$R^3$  is  $C_1$ - $C_3$  alkyl.

15 16. The compound of claim 15 wherein:

$R^1$  is fluorine;

$R^2$  is fluorine; and

$R^3$  is methyl.

20 17. The compound of claim 14 wherein:

$R^1$  is fluorine;

$R^2$  is selected from the group consisting of hydrogen and  $C_1$ - $C_3$  alkyl; and

$R^3$  is methyl.

25 18. The compound of claim 17 wherein:

$R^1$  is fluorine;

$R^2$  is hydrogen; and

$R^3$  is methyl.

30 19. The compound of claim 3 wherein:

$R^1$  is methyl;

$R^2$  is hydrogen; and

$R^3$  is methyl.

5 20. The compound of claim 3 wherein:

$R^1$  is hydrogen;

$R^2$  is methyl; and

$R^3$  is methyl.

10 21. The compound of claim 3 wherein:

$R^1$  is methyl;

$R^2$  is methyl; and

$R^3$  is methyl.

15 22. The compound of claim 2 wherein:

$R^1$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_5$  alkyl, said  $C_1$ - $C_5$  alkyl optionally substituted by alkoxy or one or more fluorine;

$R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_5$  alkyl, said  $C_1$ - $C_5$  alkyl optionally substituted by alkoxy or one or more fluorine;

20 and

$R^3$  is methyl optionally substituted by one or more alkoxy or halo.

23. The compound of claim 22 wherein:

$R^1$  is selected from the group consisting of hydrogen and fluorine;

25  $R^2$  is  $C_1$ - $C_3$  alkyl substituted by one or more halo; and

$R^3$  is methyl.

24. The compound of claim 23 wherein:

$R^1$  is hydrogen;

30  $R^2$  is  $CH_2F$ ; and

$R^3$  is methyl.

25. The compound of claim 22 wherein:

$R^1$  is  $CH_2F$ ;

$R^2$  is hydrogen; and

$R^3$  is methyl.

5

26. The compound of claim 22 wherein:

$R^1$  is hydrogen;

$R^2$  is hydrogen; and

10

$R^3$  is  $CH_2F$ .

27. The compound of claim 22 wherein:

$R^1$  is hydrogen;

$R^2$  is methoxymethyl; and

15

$R^3$  is methyl.

28. The compound of claim 22 wherein:

$R^1$  is methoxymethyl;

$R^2$  is hydrogen; and

20

$R^3$  is methyl.

29. The compound of claim 22 wherein:

$R^1$  is hydrogen;

$R^2$  is hydrogen; and

25

$R^3$  is methoxymethyl.

30. The compound of claim 1 wherein the compound is the E isomer.

31. The compound of claim 30 wherein:

$R^1$  is selected from the group consisting of hydrogen, halo, and  $C_1$ - $C_5$  alkyl, said  $C_1$ - $C_5$  alkyl optionally substituted by halo or alkoxy, said alkoxy optionally substituted by one or more halo;

5

$R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_5$  alkyl, said  $C_1$ - $C_5$  alkyl optionally substituted by halo or alkoxy, said alkoxy optionally substituted by one or more halo; and

$R^3$  is  $C_1$ - $C_5$  alkyl, said  $C_1$ - $C_5$  alkyl optionally substituted by one or more halo or alkoxy.

10

32. The compound of claim 31 wherein:

$R^1$  is selected from the group consisting of hydrogen, halo, and  $C_1$ - $C_3$  alkyl; said  $C_1$ - $C_5$  alkyl optionally substituted by halo or alkoxy, said alkoxy optionally substituted by one or more halo;

15

$R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_5$  alkyl; and

$R^3$  is  $C_1$ - $C_5$  alkyl, said  $C_1$ - $C_5$  alkyl optionally substituted by halo or alkoxy.

20

33. The compound of claim 31 wherein:

$R^1$  is selected from the group consisting of hydrogen, halo, and  $C_1$ - $C_3$  alkyl;

$R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_3$  alkyl; and

$R^3$  is  $C_1$ - $C_3$  alkyl optionally substituted by fluorine.

25

34. The compound of claim 31 wherein:

$R^1$  is selected from the group consisting of hydrogen, halo, and  $C_1$ - $C_3$  alkyl;

$R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_3$  alkyl; and

$R^3$  is  $C_1$ - $C_5$  alkyl, said  $C_1$ - $C_5$  alkyl optionally substituted by fluorine or alkoxy.

30

35. The compound of claim 31 wherein:

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$R^1$  is selected from the group consisting of hydrogen, halo, and  $C_1$ - $C_3$  alkyl;  
 $R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_3$  alkyl;  
and  
 $R^3$  is  $C_1$ - $C_3$  alkyl.

5

36. The compound of claim 31 wherein:

$R^1$  is hydrogen;  
 $R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_3$  alkyl;  
and  
10  $R^3$  is  $C_1$ - $C_3$  alkyl.

37. The compound of claim 36 wherein:

$R^1$  is hydrogen;  
 $R^2$  is selected from the group consisting of hydrogen and halo; and  
15  $R^3$  is  $C_1$ - $C_3$  alkyl.

38. The compound of claim 37 wherein:

$R^1$  is hydrogen;  
 $R^2$  is selected from the group consisting of hydrogen and fluorine; and  
20  $R^3$  is  $C_1$ - $C_3$  alkyl.

39. The compound of claim 38 wherein:

$R^1$  is hydrogen;  
 $R^2$  is selected from the group consisting of hydrogen and fluorine; and  
25  $R^3$  is methyl.

40. The compound of claim 39 wherein:

$R^1$  is hydrogen;  
 $R^2$  is hydrogen; and  
30  $R^3$  is methyl.

41. The compound of claim 39 wherein:

$R^1$  is hydrogen;

$R^2$  is fluorine; and

5  $R^3$  is methyl.

42. The compound of claim 31 wherein:

$R^1$  is halo;

$R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_3$  alkyl;

10 and

$R^3$  is  $C_1$ - $C_3$  alkyl.

43. The compound of claim 42 wherein:

$R^1$  is halo;

15  $R^2$  is halo; and

$R^3$  is  $C_1$ - $C_3$  alkyl.

44. The compound of claim 39 wherein:

$R^1$  is fluorine;

20  $R^2$  is fluorine; and

$R^3$  is methyl.

45. The compound of claim 42 wherein:

$R^1$  is fluorine;

25  $R^2$  is selected from the group consisting of hydrogen and  $C_1$ - $C_3$  alkyl; and

$R^3$  is methyl.

46. The compound of claim 45 wherein:

$R^1$  is fluorine;

30  $R^2$  is hydrogen; and

$R^3$  is methyl.

47. The compound of claim 31 wherein:

$R^1$  is methyl;

5  $R^2$  is hydrogen; and

$R^3$  is methyl.

48. The compound of claim 31 wherein:

$R^1$  is hydrogen;

10  $R^2$  is methyl; and

$R^3$  is methyl.

49. The compound of claim 31 wherein:

$R^1$  is methyl;

15  $R^2$  is methyl; and

$R^3$  is methyl.

50. The compound of claim 30 wherein:

$R^1$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_5$  alkyl,

20 said  $C_1$ - $C_5$  alkyl optionally substituted by alkoxy or one or more fluorine;

$R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_5$  alkyl,

said  $C_1$ - $C_5$  alkyl optionally substituted by alkoxy or one or more fluorine;

and

$R^3$  is methyl optionally substituted by alkoxy or one or more halo.

25

51. The compound of claim 50 wherein:

$R^1$  is selected from the group consisting of hydrogen and fluorine;

$R^2$  is  $C_1$ - $C_3$  alkyl substituted by one or more halo; and

$R^3$  is methyl.

30

52. The compound of claim 51 wherein:

$R^1$  is hydrogen;

$R^2$  is  $CH_2F$ ; and

$R^3$  is methyl.

5 53. The compound of claim 50 wherein:

$R^1$  is  $CH_2F$ ;

$R^2$  is hydrogen; and

$R^3$  is methyl.

10 54. The compound of claim 50 wherein:

$R^1$  is hydrogen;

$R^2$  is hydrogen; and

$R^3$  is  $CH_2F$ .

15 55. The compound of claim 50 wherein:

$R^1$  is hydrogen;

$R^2$  is methoxymethyl; and

$R^3$  is methyl.

20 56. The compound of claim 50 wherein:

$R^1$  is methoxymethyl;

$R^2$  is hydrogen; and

$R^3$  is methyl.

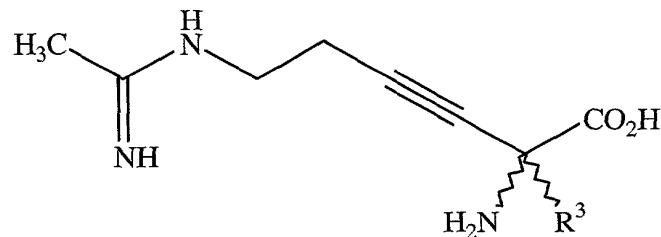
25 57. The compound of claim 50 wherein:

$R^1$  is hydrogen;

$R^2$  is hydrogen; and

$R^3$  is methoxymethyl.

30 58. A compound of Formula II



## II

5 or a pharmaceutically acceptable salt thereof, wherein:

$R^3$  is  $C_1$ - $C_5$  alkyl, said  $C_1$ - $C_5$  alkyl optionally substituted by halo or alkoxy, said alkoxy optionally substituted by one or more halo.

59. The compound of claim 58 wherein:

10  $R^3$  is  $C_1$ - $C_5$  alkyl substituted by one or more halo.

60. The compound of claim 59 wherein:

$R^3$  is  $C_1$ - $C_5$  alkyl substituted by one or more fluorine.

15 61. The compound of claim 59 wherein:

$R^3$  is methyl substituted by one or more halo.

62. The compound of claim 61 wherein:

$R^3$  is methyl substituted by one or more fluorine.

20

63. The compound of claim 61 wherein:

$R^3$  is  $CH_2F$ .

64. The compound recited in claim 59 wherein:

25  $R^3$  is  $C_1$ - $C_5$  alkyl substituted by alkoxy.

65. The compound of claim 64 wherein:

$R^3$  is methoxy methyl.

66. The compound of claim 59 wherein:

$R^3$  is  $C_1$ - $C_5$  alkyl.

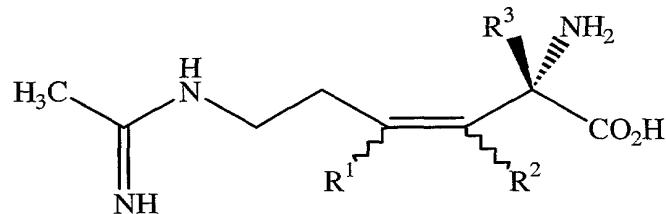
5

67. The compound of claim 65 wherein:

$R^3$  is methyl.

68. A compound of Formula III

10



III

15 or a pharmaceutically acceptable salt thereof, wherein:

$R^1$  is selected from the group consisting of hydrogen, halo, and  $C_1$ - $C_5$  alkyl, said  $C_1$ - $C_5$  alkyl optionally substituted by halo or alkoxy, said alkoxy optionally substituted by one or more halo;

20  $R^2$  is selected from the group consisting of hydrogen, halo, and  $C_1$ - $C_5$  alkyl, said  $C_1$ - $C_5$  alkyl optionally substituted by halo or alkoxy, said alkoxy optionally substituted by one or more halo; and

$R^3$  is  $C_1$ - $C_5$  alkyl, said  $C_1$ - $C_5$  alkyl optionally substituted by halo or alkoxy, said alkoxy optionally substituted by one or more halo.

25 69. The compound of claim 68 wherein the compound is the Z isomer.

70. The compound of claim 69 wherein:

$R^1$  is selected from the group consisting of hydrogen, halo, and  $C_1$ - $C_5$  alkyl, said  $C_1$ - $C_5$  alkyl optionally substituted by halo or alkoxy, said alkoxy optionally substituted by one or more halo;

5            $R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_5$  alkyl, said  $C_1$ - $C_5$  alkyl optionally substituted by halo or alkoxy, said alkoxy optionally substituted by one or more halo; and

$R^3$  is  $C_1$ - $C_5$  alkyl, said  $C_1$ - $C_5$  alkyl optionally substituted by one or more halo or alkoxy.

10           71.     The compound of claim 69 wherein:

$R^1$  is selected from the group consisting of hydrogen, halo, and  $C_1$ - $C_3$  alkyl; said  $C_1$ - $C_5$  alkyl optionally substituted by halo or alkoxy, said alkoxy optionally substituted by one or more halo;

15            $R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_5$  alkyl; and

$R^3$  is  $C_1$ - $C_5$  alkyl, said  $C_1$ - $C_5$  alkyl optionally substituted by halo or alkoxy

72.     The compound of claim 69 wherein:

$R^1$  is selected from the group consisting of hydrogen, halo, and  $C_1$ - $C_3$  alkyl;

20            $R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_3$  alkyl; and

$R^3$  is  $C_1$ - $C_3$  alkyl optionally substituted by fluorine.

73.     The compound of claim 70 wherein:

25            $R^1$  is selected from the group consisting of hydrogen, halo, and  $C_1$ - $C_3$  alkyl;

$R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_3$  alkyl; and

30            $R^3$  is  $C_1$ - $C_5$  alkyl, said  $C_1$ - $C_5$  alkyl optionally substituted by fluorine or alkoxy.

74. The compound of claim 70 wherein:

$R^1$  is selected from the group consisting of hydrogen, halo, and  $C_1$ - $C_3$  alkyl;  
 $R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_3$  alkyl;  
and

5  $R^3$  is  $C_1$ - $C_3$  alkyl.

75. The compound of claim 70 wherein:

$R^1$  is hydrogen;  
 $R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_3$  alkyl;  
10 and  
 $R^3$  is  $C_1$ - $C_3$  alkyl.

76. The compound of claim 75 wherein:

$R^1$  is hydrogen;  
15  $R^2$  is selected from the group consisting of hydrogen and halo; and  
 $R^3$  is  $C_1$ - $C_3$  alkyl.

77. The compound of claim 76 wherein:

$R^1$  is hydrogen;  
20  $R^2$  is selected from the group consisting of hydrogen and fluorine; and  
 $R^3$  is  $C_1$ - $C_3$  alkyl.

78. The compound of claim 77 wherein:

$R^1$  is hydrogen;  
25  $R^2$  is selected from the group consisting of hydrogen and fluorine; and  
 $R^3$  is methyl.

79. The compound of claim 78 wherein:

$R^1$  is hydrogen;  
30  $R^2$  is hydrogen; and

$R^3$  is methyl.

80. The compound of claim 78 wherein:

$R^1$  is hydrogen;

5       $R^2$  is fluorine; and

$R^3$  is methyl.

81. The compound of claim 70 wherein:

$R^1$  is halo;

10      $R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_3$  alkyl;

and

$R^3$  is  $C_1$ - $C_3$  alkyl.

82. The compound of claim 81 wherein:

15      $R^1$  is halo;

$R^2$  is halo; and

$R^3$  is  $C_1$ - $C_3$  alkyl.

83. The compound of claim 82 wherein:

20      $R^1$  is fluorine;

$R^2$  is fluorine; and

$R^3$  is methyl.

84. The compound of claim 81 wherein:

25      $R^1$  is fluorine;

$R^2$  is selected from the group consisting of hydrogen and  $C_1$ - $C_3$  alkyl; and

$R^3$  is methyl.

85. The compound of claim 84 wherein:

30      $R^1$  is fluorine;

$R^2$  is hydrogen; and  
 $R^3$  is methyl.

86. The compound of claim 70 wherein:

5       $R^1$  is methyl;  
 $R^2$  is hydrogen; and  
 $R^3$  is methyl.

87. The compound of claim 70 wherein:

10      $R^1$  is hydrogen;  
 $R^2$  is methyl; and  
 $R^3$  is methyl.

88. The compound of claim 70 wherein:

15      $R^1$  is methyl;  
 $R^2$  is methyl; and  
 $R^3$  is methyl.

89. The compound of claim 69 wherein:

20      $R^1$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_5$  alkyl,  
said  $C_1$ - $C_5$  alkyl optionally substituted by alkoxy or one or more fluorine;  
 $R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_5$  alkyl,  
said  $C_1$ - $C_5$  alkyl optionally substituted by alkoxy or one or more fluorine;  
and  
25      $R^3$  is methyl optionally substituted by one or more alkoxy or halo.

90. The compound of claim 89 wherein:

30      $R^1$  is selected from the group consisting of hydrogen and fluorine;  
 $R^2$  is  $C_1$ - $C_3$  alkyl substituted by one or more halo; and  
 $R^3$  is methyl.

91. The compound of claim 90 wherein:

$R^1$  is hydrogen;

$R^2$  is  $CH_2F$ ; and

$R^3$  is methyl.

5

92. The compound of claim 89 wherein:

$R^1$  is  $CH_2F$ ;

$R^2$  is hydrogen; and

$R^3$  is methyl.

10

93. The compound of claim 89 wherein:

$R^1$  is hydrogen;

$R^2$  is hydrogen; and

$R^3$  is  $CH_2F$ .

15

94. The compound of claim 89 wherein:

$R^1$  is hydrogen;

$R^2$  is methoxymethyl; and

$R^3$  is methyl.

20

95. The compound of claim 89 wherein:

$R^1$  is methoxymethyl;

$R^2$  is hydrogen; and

$R^3$  is methyl.

25

96. The compound of claim 89 wherein:

$R^1$  is hydrogen;

$R^2$  is hydrogen; and

$R^3$  is methoxymethyl.

30

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97. The compound of claim 68 wherein the compound is the E isomer.

98. The compound of claim 97 wherein:

$R^1$  is selected from the group consisting of hydrogen, halo, and  $C_1$ - $C_5$  alkyl,  
said  $C_1$ - $C_5$  alkyl optionally substituted by halo or alkoxy, said alkoxy  
optionally substituted by one or more halo;

$R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_5$  alkyl,  
said  $C_1$ - $C_5$  alkyl optionally substituted by halo or alkoxy, said alkoxy  
optionally substituted by one or more halo; and

$R^3$  is  $C_1$ - $C_5$  alkyl, said  $C_1$ - $C_5$  alkyl optionally substituted by one or more  
halo or alkoxy.

99. The compound of claim 98 wherein:

$R^1$  is selected from the group consisting of hydrogen, halo, and  $C_1$ - $C_3$  alkyl;  
said  $C_1$ - $C_5$  alkyl optionally substituted by halo or alkoxy, said alkoxy  
optionally substituted by one or more halo;

$R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_5$  alkyl;  
and

$R^3$  is  $C_1$ - $C_5$  alkyl, said  $C_1$ - $C_5$  alkyl optionally substituted by halo or alkoxy

20

100. The compound of claim 98 wherein:

$R^1$  is selected from the group consisting of hydrogen, halo, and  $C_1$ - $C_3$  alkyl;

$R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_3$  alkyl;  
and

$R^3$  is  $C_1$ - $C_3$  alkyl optionally substituted by fluorine.

25

101. The compound of claim 98 wherein:

$R^1$  is selected from the group consisting of hydrogen, halo, and  $C_1$ - $C_3$  alkyl;

$R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_3$  alkyl;  
and

30

$R^3$  is  $C_1$ - $C_5$  alkyl, said  $C_1$ - $C_5$  alkyl optionally substituted by one or more fluorine or alkoxy.

102. The compound of claim 98 wherein:

5  $R^1$  is selected from the group consisting of hydrogen, halo, and  $C_1$ - $C_3$  alkyl;

$R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_3$  alkyl;  
and

$R^3$  is  $C_1$ - $C_3$  alkyl.

10 103. The compound of claim 98 wherein:

$R^1$  is hydrogen;

$R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_3$  alkyl;  
and

$R^3$  is  $C_1$ - $C_3$  alkyl.

15 104. The compound of claim 103 wherein:

$R^1$  is hydrogen;

$R^2$  is selected from the group consisting of hydrogen and halo; and

$R^3$  is  $C_1$ - $C_3$  alkyl.

20 105. The compound of claim 104 wherein:

$R^1$  is hydrogen;

$R^2$  is selected from the group consisting of hydrogen and fluorine; and

$R^3$  is  $C_1$ - $C_3$  alkyl.

25 106. The compound of claim 105 wherein:

$R^1$  is hydrogen;

$R^2$  is selected from the group consisting of hydrogen and fluorine; and

$R^3$  is methyl.

30

107. The compound of claim 106 wherein:

$R^1$  is hydrogen;

$R^2$  is hydrogen; and

$R^3$  is methyl.

5

108. The compound of claim 106 wherein:

$R^1$  is hydrogen;

$R^2$  is fluorine; and

$R^3$  is methyl.

10

109. The compound of claim 98 wherein:

$R^1$  is halo;

$R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_3$  alkyl;

and

15  $R^3$  is  $C_1$ - $C_3$  alkyl.

110. The compound of claim 109 wherein:

$R^1$  is halo;

$R^2$  is halo; and

20  $R^3$  is  $C_1$ - $C_3$  alkyl.

111. The compound of claim 110 wherein:

$R^1$  is fluorine;

$R^2$  is fluorine; and

25  $R^3$  is methyl.

112. The compound of claim 109 wherein:

$R^1$  is fluorine;

$R^2$  is selected from the group consisting of hydrogen and  $C_1$ - $C_3$  alkyl; and

30  $R^3$  is methyl.

113. The compound of claim 112 wherein:  
R<sup>1</sup> is fluorine;  
R<sup>2</sup> is hydrogen; and  
5 R<sup>3</sup> is methyl.

114. The compound of claim 98 wherein:  
R<sup>1</sup> is methyl;  
R<sup>2</sup> is hydrogen; and  
10 R<sup>3</sup> is methyl.

115. The compound of claim 98 wherein:  
R<sup>1</sup> is hydrogen;  
R<sup>2</sup> is methyl; and  
15 R<sup>3</sup> is methyl.

116. The compound of claim 98 wherein:  
R<sup>1</sup> is methyl;  
R<sup>2</sup> is methyl; and  
20 R<sup>3</sup> is methyl.

117. The compound of claim 97 wherein:  
R<sup>1</sup> is selected from the group consisting of hydrogen, halo and C<sub>1</sub>-C<sub>5</sub> alkyl,  
said C<sub>1</sub>-C<sub>5</sub> alkyl optionally substituted by alkoxy or one or more fluorine;  
25 R<sup>2</sup> is selected from the group consisting of hydrogen, halo and C<sub>1</sub>-C<sub>5</sub> alkyl,  
said C<sub>1</sub>-C<sub>5</sub> alkyl optionally substituted by alkoxy or one or more fluorine;  
and  
R<sup>3</sup> is methyl optionally substituted by one or more alkoxy or halo.

30 118. The compound of claim 117 wherein:  
R<sup>1</sup> is selected from the group consisting of hydrogen and fluorine;

$R^2$  is  $C_1$ - $C_3$  alkyl substituted by one or more halo; and  
 $R^3$  is methyl.

119. The compound of claim 118 wherein:

5  $R^1$  is hydrogen;

$R^2$  is  $CH_2F$ ; and

$R^3$  is methyl.

120. The compound of claim 117 wherein:

10  $R^1$  is  $CH_2F$ ;

$R^2$  is hydrogen; and

$R^3$  is methyl.

121. The compound of claim 117 wherein:

15  $R^1$  is hydrogen;

$R^2$  is hydrogen; and

$R^3$  is  $CH_2F$ .

122. The compound of claim 117 wherein:

20  $R^1$  is hydrogen;

$R^2$  is methoxymethyl; and

$R^3$  is methyl.

123. The compound of claim 117 wherein:

25  $R^1$  is methoxymethyl;

$R^2$  is hydrogen; and

$R^3$  is methyl.

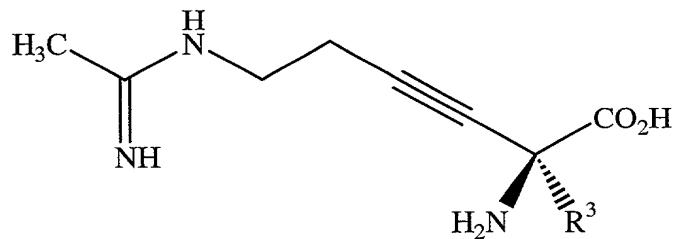
124. The compound of claim 117 wherein:

30  $R^1$  is hydrogen;

$R^2$  is hydrogen; and  
 $R^3$  is methoxymethyl.

## 125. A compound of Formula IV

5



or a pharmaceutically acceptable salt thereof, wherein:

10  $R^3$  is  $C_1$ - $C_5$  alkyl, said  $C_1$ - $C_5$  alkyl optionally substituted by halo or alkoxy, said alkoxy optionally substituted by one or more halo.

## 126. The compound of claim 125 wherein:

$R^3$  is  $C_1$ - $C_5$  alkyl substituted by one or more halo.

15

## 127. The compound of claim 126 wherein:

$R^3$  is  $C_1$ - $C_5$  alkyl substituted by one or more fluorine.

## 128. The compound of claim 126 wherein:

20  $R^3$  is methyl substituted by one or more halo.

## 129. The compound of claim 128 wherein:

$R^3$  is methyl substituted by one or more fluorine.

25

## 130. The compound of claim 128 wherein:

$R^3$  is  $CH_2F$ .

131. The compound recited in claim 126 wherein:

R<sup>3</sup> is C<sub>1</sub>-C<sub>5</sub> alkyl substituted by alkoxy.

5

132. The compound of claim 131 wherein:

R<sup>3</sup> is methoxy methyl.

10

133. The compound of claim 126 wherein:

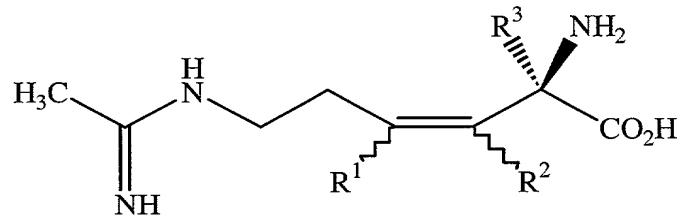
R<sup>3</sup> is C<sub>1</sub>-C<sub>5</sub> alkyl.

15

134. The compound of claim 132 wherein:

R<sup>3</sup> is methyl.

135. A compound of Formula V



V

or a pharmaceutically acceptable salt thereof, wherein:

20

R<sup>1</sup> is selected from the group consisting of hydrogen, halo, and C<sub>1</sub>-C<sub>5</sub> alkyl, said C<sub>1</sub>-C<sub>5</sub> alkyl optionally substituted by halo or alkoxy, said alkoxy optionally substituted by one or more halo;

R<sup>2</sup> is selected from the group consisting of hydrogen, halo, and C<sub>1</sub>-C<sub>5</sub> alkyl, said C<sub>1</sub>-C<sub>5</sub> alkyl optionally substituted by halo or alkoxy, said alkoxy optionally substituted by one or more halo; and

25

R<sup>3</sup> is C<sub>1</sub>-C<sub>5</sub> alkyl, said C<sub>1</sub>-C<sub>5</sub> alkyl optionally substituted by halo or alkoxy, said alkoxy optionally substituted by one or more halo.

136. The compound of claim 135 wherein the compound is the Z isomer.

137. The compound of claim 136 wherein:

R<sup>1</sup> is selected from the group consisting of hydrogen, halo, and C<sub>1</sub>-C<sub>5</sub> alkyl,  
said C<sub>1</sub>-C<sub>5</sub> alkyl optionally substituted by halo or alkoxy, said alkoxy  
optionally substituted by one or more halo;

R<sup>2</sup> is selected from the group consisting of hydrogen, halo and C<sub>1</sub>-C<sub>5</sub> alkyl,  
said C<sub>1</sub>-C<sub>5</sub> alkyl optionally substituted by halo or alkoxy, said alkoxy  
optionally substituted by one or more halo; and

10 R<sup>3</sup> is C<sub>1</sub>-C<sub>5</sub> alkyl, said C<sub>1</sub>-C<sub>5</sub> alkyl optionally substituted by halo or alkoxy.

138. The compound of claim 137 wherein:

R<sup>1</sup> is selected from the group consisting of hydrogen, halo, and C<sub>1</sub>-C<sub>3</sub> alkyl;  
said C<sub>1</sub>-C<sub>5</sub> alkyl optionally substituted by halo or alkoxy, said alkoxy  
optionally substituted by one or more halo;

15 R<sup>2</sup> is selected from the group consisting of hydrogen, halo and C<sub>1</sub>-C<sub>5</sub> alkyl;  
and

R<sup>3</sup> is C<sub>1</sub>-C<sub>5</sub> alkyl, said C<sub>1</sub>-C<sub>5</sub> alkyl optionally substituted by halo or alkoxy

20 139. The compound of claim 137 wherein:

R<sup>1</sup> is selected from the group consisting of hydrogen, halo, and C<sub>1</sub>-C<sub>3</sub> alkyl;

R<sup>2</sup> is selected from the group consisting of hydrogen, halo and C<sub>1</sub>-C<sub>3</sub> alkyl;  
and

R<sup>3</sup> is C<sub>1</sub>-C<sub>3</sub> alkyl optionally substituted by fluorine.

25

140. The compound of claim 136 wherein:

R<sup>1</sup> is selected from the group consisting of hydrogen, halo, and C<sub>1</sub>-C<sub>3</sub> alkyl;

R<sup>2</sup> is selected from the group consisting of hydrogen, halo and C<sub>1</sub>-C<sub>3</sub> alkyl;  
and

$R^3$  is  $C_1$ - $C_5$  alkyl, said  $C_1$ - $C_5$  alkyl optionally substituted by fluorine or alkoxy.

141. The compound of claim 137 wherein:

5  $R^1$  is selected from the group consisting of hydrogen, halo, and  $C_1$ - $C_3$  alkyl;  
 $R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_3$  alkyl;  
and  
 $R^3$  is  $C_1$ - $C_3$  alkyl.

10 142. The compound of claim 137 wherein:

$R^1$  is hydrogen;  
 $R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_3$  alkyl;  
and  
 $R^3$  is  $C_1$ - $C_3$  alkyl.

15 143. The compound of claim 142 wherein:

$R^1$  is hydrogen;  
 $R^2$  is selected from the group consisting of hydrogen and halo; and  
 $R^3$  is  $C_1$ - $C_3$  alkyl.

20 144. The compound of claim 143 wherein:

$R^1$  is hydrogen;  
 $R^2$  is selected from the group consisting of hydrogen and fluorine; and  
 $R^3$  is  $C_1$ - $C_3$  alkyl.

25 145. The compound of claim 144 wherein:

$R^1$  is hydrogen;  
 $R^2$  is selected from the group consisting of hydrogen and fluorine; and  
 $R^3$  is methyl.

146. The compound of claim 145 wherein:

$R^1$  is hydrogen;

$R^2$  is hydrogen; and

$R^3$  is methyl.

5

147. The compound of claim 145 wherein:

$R^1$  is hydrogen;

$R^2$  is fluorine; and

$R^3$  is methyl.

10

148. The compound of claim 137 wherein:

$R^1$  is halo;

$R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_3$  alkyl;

and

15

$R^3$  is  $C_1$ - $C_3$  alkyl.

149. The compound of claim 148 wherein:

$R^1$  is halo;

$R^2$  is halo; and

20

$R^3$  is  $C_1$ - $C_3$  alkyl.

150. The compound of claim 149 wherein:

$R^1$  is fluorine;

$R^2$  is fluorine; and

25

$R^3$  is methyl.

151. The compound of claim 148 wherein:

$R^1$  is fluorine;

$R^2$  is selected from the group consisting of hydrogen and  $C_1$ - $C_3$  alkyl; and

30

$R^3$  is methyl.

152. The compound of claim 151 wherein:  
R<sup>1</sup> is fluorine;  
R<sup>2</sup> is hydrogen; and  
R<sup>3</sup> is methyl.

5

153. The compound of claim 137 wherein:  
R<sup>1</sup> is methyl;  
R<sup>2</sup> is hydrogen; and  
R<sup>3</sup> is methyl.

10

154. The compound of claim 137 wherein:  
R<sup>1</sup> is hydrogen;  
R<sup>2</sup> is methyl; and  
R<sup>3</sup> is methyl.

15

155. The compound of claim 137 wherein:  
R<sup>1</sup> is methyl;  
R<sup>2</sup> is methyl; and  
R<sup>3</sup> is methyl.

20

156. The compound of claim 136 wherein:  
R<sup>1</sup> is selected from the group consisting of hydrogen, halo and C<sub>1</sub>-C<sub>5</sub> alkyl, said C<sub>1</sub>-C<sub>5</sub> alkyl optionally substituted by alkoxy or one or more fluorine;  
R<sup>2</sup> is selected from the group consisting of hydrogen, halo and C<sub>1</sub>-C<sub>5</sub> alkyl, said C<sub>1</sub>-C<sub>5</sub> alkyl optionally substituted by alkoxy or one or more fluorine; and  
R<sup>3</sup> is C<sub>1</sub>-C<sub>5</sub> alkyl optionally substituted by alkoxy or one or more halo.

25

30

157. The compound of claim 156 wherein:  
R<sup>1</sup> is selected from the group consisting of hydrogen and fluorine;

$R^2$  is  $C_1$ - $C_3$  alkyl substituted by one or more halo; and  
 $R^3$  is methyl.

158. The compound of claim 157 wherein:

5       $R^1$  is hydrogen;  
 $R^2$  is  $CH_2F$ ; and  
 $R^3$  is methyl.

159. The compound of claim 156 wherein:

10      $R^1$  is  $CH_2F$ ;  
 $R^2$  is hydrogen; and  
 $R^3$  is methyl.

160. The compound of claim 159 wherein:

15      $R^1$  is hydrogen;  
 $R^2$  is hydrogen; and  
 $R^3$  is  $CH_2F$ .

161. The compound of claim 159 wherein:

20      $R^1$  is hydrogen;  
 $R^2$  is methoxymethyl; and  
 $R^3$  is methyl.

162. The compound of claim 156 wherein:

25      $R^1$  is methoxymethyl;  
 $R^2$  is hydrogen; and  
 $R^3$  is methyl.

163. The compound of claim 156 wherein:

30      $R^1$  is hydrogen;

$R^2$  is hydrogen; and

$R^3$  is methoxymethyl.

164. The compound of claim 135 wherein the compound is the E isomer.

5

165. The compound of claim 164 wherein:

$R^1$  is selected from the group consisting of hydrogen, halo, and  $C_1$ - $C_5$  alkyl, said  $C_1$ - $C_5$  alkyl optionally substituted by halo or alkoxy, said alkoxy optionally substituted by one or more halo;

10

$R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_5$  alkyl, said  $C_1$ - $C_5$  alkyl optionally substituted by halo or alkoxy, said alkoxy optionally substituted by one or more halo; and

$R^3$  is  $C_1$ - $C_5$  alkyl, said  $C_1$ - $C_5$  alkyl optionally substituted by one or more halo or alkoxy.

15

166. The compound of claim 165 wherein:

$R^1$  is selected from the group consisting of hydrogen, halo, and  $C_1$ - $C_3$  alkyl; said  $C_1$ - $C_5$  alkyl optionally substituted by halo or alkoxy, said alkoxy optionally substituted by one or more halo;

20

$R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_5$  alkyl; and

$R^3$  is  $C_1$ - $C_5$  alkyl, said  $C_1$ - $C_5$  alkyl optionally substituted by halo or alkoxy

167. The compound of claim 165 wherein:

25  $R^1$  is selected from the group consisting of hydrogen, halo, and  $C_1$ - $C_3$  alkyl;

$R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_3$  alkyl; and

$R^3$  is  $C_1$ - $C_3$  alkyl optionally substituted by fluorine.

30

168. The compound of claim 165 wherein:

$R^1$  is selected from the group consisting of hydrogen, halo, and  $C_1$ - $C_3$  alkyl;

$R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_3$  alkyl;

and

$R^3$  is  $C_1$ - $C_5$  alkyl, said  $C_1$ - $C_5$  alkyl optionally substituted by fluorine or

5 alkoxy.

169. The compound of claim 165 wherein:

$R^1$  is selected from the group consisting of hydrogen, halo, and  $C_1$ - $C_3$  alkyl;

$R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_3$  alkyl;

10 and

$R^3$  is  $C_1$ - $C_3$  alkyl.

170. The compound of claim 165 wherein:

$R^1$  is hydrogen;

15  $R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_3$  alkyl;

and

$R^3$  is  $C_1$ - $C_3$  alkyl.

171. The compound of claim 170 wherein:

20  $R^1$  is hydrogen;

$R^2$  is selected from the group consisting of hydrogen and halo; and

$R^3$  is  $C_1$ - $C_3$  alkyl.

172. The compound of claim 171 wherein:

25  $R^1$  is hydrogen;

$R^2$  is selected from the group consisting of hydrogen and fluorine; and

$R^3$  is  $C_1$ - $C_3$  alkyl.

173. The compound of claim 172 wherein:

30  $R^1$  is hydrogen;

$R^2$  is selected from the group consisting of hydrogen and fluorine; and  
 $R^3$  is methyl.

174. The compound of claim 172 wherein:

5         $R^1$  is hydrogen;  
           $R^2$  is hydrogen; and  
           $R^3$  is methyl.

175. The compound of claim 173 wherein:

10         $R^1$  is hydrogen;  
           $R^2$  is fluorine; and  
           $R^3$  is methyl.

176. The compound of claim 165 wherein:

15         $R^1$  is halo;  
           $R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_3$  alkyl;  
          and  
           $R^3$  is  $C_1$ - $C_3$  alkyl.

20        177. The compound of claim 176 wherein:

$R^1$  is halo;  
           $R^2$  is halo; and  
           $R^3$  is  $C_1$ - $C_3$  alkyl.

25        178. The compound of claim 177 wherein:

$R^1$  is fluorine;  
           $R^2$  is fluorine; and  
           $R^3$  is methyl.

30        179. The compound of claim 176 wherein:

$R^1$  is fluorine;

$R^2$  is selected from the group consisting of hydrogen and  $C_1$ - $C_3$  alkyl; and

$R^3$  is methyl.

5 180. The compound of claim 179 wherein:

$R^1$  is fluorine;

$R^2$  is hydrogen; and

$R^3$  is methyl.

10 181. The compound of claim 165 wherein:

$R^1$  is methyl;

$R^2$  is hydrogen; and

$R^3$  is methyl.

15 182. The compound of claim 165 wherein:

$R^1$  is hydrogen;

$R^2$  is methyl; and

$R^3$  is methyl.

20 183. The compound of claim 165 wherein:

$R^1$  is methyl;

$R^2$  is methyl; and

$R^3$  is methyl.

25 184. The compound of claim 164 wherein:

$R^1$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_5$  alkyl, said  $C_1$ - $C_5$  alkyl optionally substituted by alkoxy or one or more fluorine;

$R^2$  is selected from the group consisting of hydrogen, halo and  $C_1$ - $C_5$  alkyl, said  $C_1$ - $C_5$  alkyl optionally substituted by alkoxy or one or more fluorine;

30 and

$R^3$  is methyl optionally substituted by one or more alkoxy or halo.

185. The compound of claim 184 wherein:

R<sup>1</sup> is selected from the group consisting of hydrogen and fluorine;

R<sup>2</sup> is C<sub>1</sub>-C<sub>3</sub> alkyl substituted by one or more halo; and

5 R<sup>3</sup> is methyl.

186. The compound of claim 185 wherein:

R<sup>1</sup> is hydrogen;

R<sup>2</sup> is CH<sub>2</sub>F; and

10 R<sup>3</sup> is methyl.

187. The compound of claim 185 wherein:

R<sup>1</sup> is CH<sub>2</sub>F;

R<sup>2</sup> is hydrogen; and

15 R<sup>3</sup> is methyl.

188. The compound of claim 184 wherein:

R<sup>1</sup> is hydrogen;

R<sup>2</sup> is hydrogen; and

20 R<sup>3</sup> is CH<sub>2</sub>F.

189. The compound of claim 184 wherein:

R<sup>1</sup> is hydrogen;

R<sup>2</sup> is methoxymethyl; and

25 R<sup>3</sup> is methyl.

190. The compound of claim 184 wherein:

R<sup>1</sup> is methoxymethyl;

R<sup>2</sup> is hydrogen; and

30 R<sup>3</sup> is methyl.

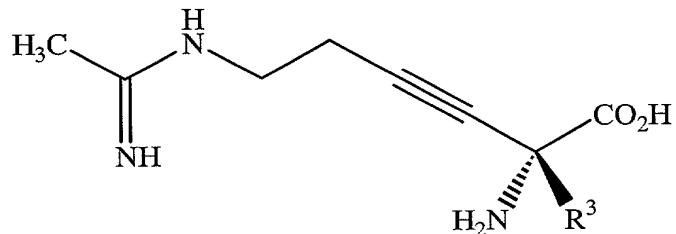
191. The compound of claim 184 wherein:

R<sup>1</sup> is hydrogen;

R<sup>2</sup> is hydrogen; and

5 R<sup>3</sup> is methoxymethyl.

192. A compound of Formula VI



10

VI

or a pharmaceutically acceptable salt thereof, wherein:

R<sup>3</sup> is C<sub>1</sub>-C<sub>5</sub> alkyl, said C<sub>1</sub>-C<sub>5</sub> alkyl optionally substituted by halo or alkoxy, said alkoxy optionally substituted by one or more halo.

15

193. The compound of claim 192 wherein:

R<sup>3</sup> is C<sub>1</sub>-C<sub>5</sub> alkyl substituted by one or more halo.

194. The compound of claim 193 wherein:

20 R<sup>3</sup> is C<sub>1</sub>-C<sub>5</sub> alkyl substituted by one or more fluorine.

195. The compound of claim 193 wherein:

R<sup>3</sup> is methyl substituted by one or more halo.

25

196. The compound of claim 195 wherein:

R<sup>3</sup> is methyl substituted by one or more fluorine.

197. The compound of claim 195 wherein:

R<sup>3</sup> is CH<sub>2</sub>F.

5

198. The compound recited in claim 193 wherein:

R<sup>3</sup> is C<sub>1</sub>-C<sub>5</sub> alkyl substituted by alkoxy.

10

199. The compound of claim 198 wherein:

R<sup>3</sup> is methoxy methyl.

15

200. The compound of claim 193 wherein:

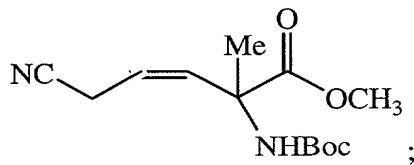
R<sup>3</sup> is C<sub>1</sub>-C<sub>5</sub> alkyl.

201. The compound of claim 199 wherein:

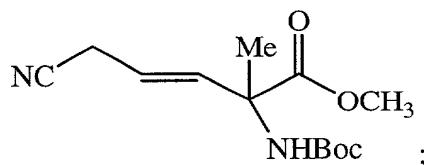
R<sup>3</sup> is methyl.

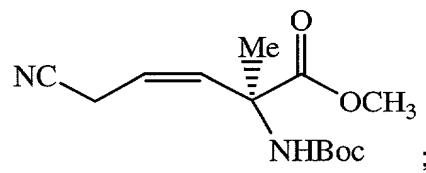
20

202. A novel intermediate compound selected from:

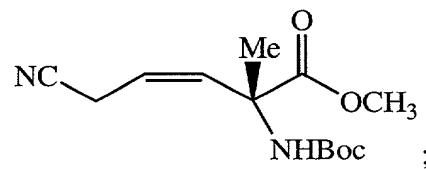


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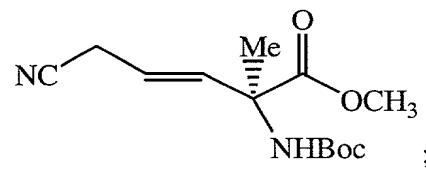




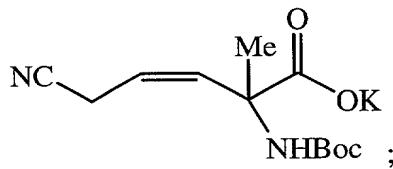
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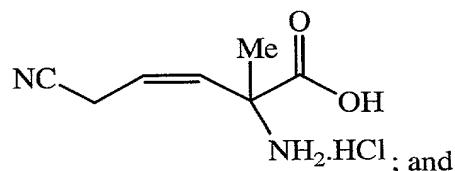
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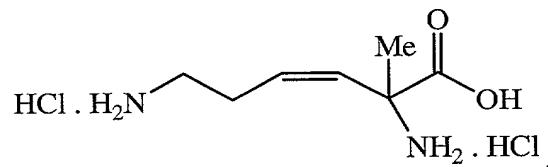
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203. A compound selected from the group consisting of:

15 (3Z)-2-amino-5-(ethanimidoylamino)-2-methylpent-3-enoic acid;  
 (2S,3E)-2-amino-2-methyl-6-[(1-iminoethyl)amino]-3-hexenoic acid;  
 (2S,3Z)-2-amino-2-methyl-6-[(1-iminoethyl)amino]-3-hexenoic acid;

20 (2R,3E)-2-amino-2-methyl-6-[(1-iminoethyl)amino]-3-hexenoic acid;  
 (2R,3Z)-2-amino-2-methyl-6-[(1-iminoethyl)amino]-3-hexenoic acid;  
 (S, E)-2-amino-2-methyl-4-fluoro-6-[(1-iminoethyl)amino]-3-hexenoic acid;

25 (S, E)-2-amino-2-methyl-3-fluoro-6-[(1-iminoethyl)amino]-3-hexenoic acid;  
 (S, E)-2-amino-2-methyl-3,4-difluoro-6-[(1-iminoethyl)amino]-3-hexenoic acid;

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2-amino-2-methyl-6-[(1-iminoethyl)amino]-3-hexynoic acid, dihydrochloride.;

(3Z)-2-amino-5-(ethanimidoylamino)-2-methylpent-3-enoic acid  
dihydrochloride;

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(2S,3E)-2-amino-2-methyl-6-[(1-iminoethyl)amino]-3-hexenoic acid,  
dihydrochloride;

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(2S,3Z)-2-amino-2-methyl-6-[(1-iminoethyl)amino]-3-hexenoic acid,  
dihydrochloride;

(2R,3E)-2-amino-2-methyl-6-[(1-iminoethyl)amino]-3-hexenoic acid,  
dihydrochloride;

15

(2R,3Z)-2-amino-2-methyl-6-[(1-iminoethyl)amino]-3-hexenoic acid,  
dihydrochloride;

(S, E)-2-amino-2-methyl-4-fluoro-6-[(1-iminoethyl)amino]-3-hexenoic acid,  
dihydrochloride;

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(S, E)-2-amino-2-methyl-3-fluoro-6-[(1-iminoethyl)amino]-3-hexenoic acid,  
dihydrochloride;

25

(S, E)-2-amino-2-methyl-3,4-difluoro-6-[(1-iminoethyl)amino]-3-hexenoic acid,  
dihydrochloride; and

2-amino-2-methyl-6-[(1-iminoethyl)amino]-3-hexynoic acid, dihydrochloride.

204. A novel intermediate compound selected from the group consisting  
30 of:

Methyl (3Z)-2-[(tert-butoxycarbonyl)amino]-5-cyano-2-methylpent-3-enoate;

Methyl (3E)-2-[(tert-butoxycarbonyl)amino]-5-cyano-2-methylpent-3-enoate;

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Methyl (2S,3Z)-2-[(tert-butoxycarbonyl)amino]-5-cyano-2-methylpent-3-  
enoate;

40

Methyl (2R,3Z)-2-[(tert-butoxycarbonyl)amino]-5-cyano-2-methylpent-3-  
enoate;

Methyl (2S,3E)-2-[(tert-butoxycarbonyl)amino]-5-cyano-2-methylpent-3-enoate;

5      Methyl (2R,3E)-2-[(tert-butoxycarbonyl)amino]-5-cyano-2-methylpent-3-enoate;

(3Z)-2-[(tert-butoxycarbonyl)amino]-5-cyano-2-methylpent-3-enoic acid potassium salt;

10     (3Z)-2-amino-5-cyano-2-methylpent-3-enoic acid hydrochloride; and

(3Z)-2,6-diamino-2-methylhex-3-enoic acid dihydrochloride.

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